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Overview

Microsoft PowerShell is a command-line shell and scripting language that provides an administrator full access to applicable application programming interfaces (APIs). Administrators can interact directly with SharePoint Server to manipulate web applications, site collections, sites, lists and much more. In addition, an administrator can script cmdlets (pronounced "command-lets").

By default, Powershell is located at the following path: <%SystemRoot%>\System32\WindowsPowerShell\v1.0\PowerShell.exe.

PowerShell can be used by authorized admins to perform a wide variety of tasks in SharePoint on-premises and SharePoint Online. Microsoft provides the cmdlets used for these 2 systems and the Patterns and Practices (PnP) group has created an additional set of modules that provide many additional capabilities.

For a list of SharePoint Server on-premises cmdlets, see SharePoint Server cmdlets

For a list of SharePoint Online cmdlets, see SharePoint Online cmdlets

For a list of the SharePoint PnP cmdlets, see SharePoint PnP cmdlets

SharePoint Online

Verify that you have the following administrative permissions:

- You must be assigned SharePoint administrator role. For more information, see Default administrative roles and user groups and About the SharePoint admin role in Microsoft 365.

IMPORTANT: You can use a specific group of PowerShell with SharePoint Online. For more information, see Office 365 PowerShell for SharePoint Online.

Learning PowerShell

There are several PowerShell learning resources for SharePoint IT professionals.

TechNet Scripting Center

The TechNet Scripting Center includes many resources to help you learn the basics about PowerShell. It also contains script repositories with samples of scripts that are typically used with various Microsoft products. The following table shows the main learning resources.

PAGE	DESCRIPTION
Windows PowerShell Documentation on TechNet	This section of the TechNet Library contains web copies of the core PowerShell Get-Help topics. The section also has web copies of the PowerShell Getting Started document, the PowerShell.exe help, and a PowerShell primer.
Scripting With Windows PowerShell	The home page for PowerShell scripting learning resources.
Windows PowerShell Owner's Manual	Web-based guide for getting started with PowerShell.
Windows PowerShell Quick Reference	Downloadable copy of the Quick Reference document that is installed with PowerShell.

As you read these resources, consider that the following concepts and cmdlets are useful ones to learn before you use PowerShell for SharePoint Server:

- Get-Command
- Get-Member
- Get-Help
- Aliasing
- Piping and the Pipeline in Windows PowerShell
- Cmdlet Parameter Sets
- Foreach-Object
- Where-Object

What is the SharePoint Online Management Shell?

3/19/2019 • 2 minutes to read • Edit Online

The SharePoint Online Management Shell is a Windows PowerShell module that you can use to manage SharePoint Online users, sites, and site collections. Command-line operations in Windows PowerShell are composed of a series of commands. Each command uses a cmdlet and a set of settings known as parameters. For example, you use the **New-SPOSite** cmdlet for a command that creates a new SharePoint Online site collection with a specified title, URL, owner, storage quota, and template (the parameters).

SharePoint Online PowerShell commands can be very efficient for batch operations — for example, creating a dozen new site collections or adding hundreds of new SharePoint Online users to a site. For more information, see Why you need to use Office 365 PowerShell.

What is the difference between SharePoint Online PowerShell commands and Office 365 PowerShell commands?

The major and obvious difference is the nouns they use. Every SharePoint Online cmdlet will start with SPO as its noun. Conversely, Office 365 will start with MSO as it noun.

The set of SharePoint Online Management Shell commands differs from the set of Office 365 for professionals and small businesses PowerShell commands. SharePoint Online Management Shell commands manage SharePoint Online users and site collections, whereas Office 365 commands manage Office 365-level tasks such as users, licenses, organization information, and services. They both manage users and groups. However, Office 365 PowerShell commands manage users and groups for all of the Office 365 services. The SharePoint Online commands manage users and groups only for SharePoint Online.

Should I use the SharePoint Online Admin Center or SharePoint Online PowerShell commands?

If you are new to Office 365 and SharePoint Online and you have not done much managing of SharePoint sites or users, the SharePoint Online Administration Center is a good place to start.

After you get familiar with SharePoint Online sites and users, try using SharePoint Online commands, especially when you want to manage lots of users, sites, or site collections.

How do I get permissions and set up the environment?

To use SharePoint Online PowerShell commands, you must be a SharePoint Online global administrator.

Before you can run SharePoint Online commands, you must install the SharePoint Online Management Shell module and connect to the SharePoint Online service. For more information, see Connect SharePoint Online

Getting started with SharePoint Online Management Shell

11/2/2018 • 2 minutes to read • Edit Online

Before you get started using PowerShell to manage SharePoint Online, make sure that the SharePoint Online Management Shell is installed and you have connected to SharePoint Online.

Install the SharePoint Online Management Shell by downloading and running the SharePoint Online Management Shell or installing module from the PowerShell Gallery. Once installed, the module is available for use, and you do not need to install it again until you need features introduced in a later version. For example, you may need to install a new version for TLS 1.2 negotiation after October 2018.

First you can check if you have already installed SharePoint Online Management Shell by running the following command in administrative mode in PowerShell.

```
Get-Module -Name Microsoft.Online.SharePoint.PowerShell -ListAvailable | Select Name,Version
```

If your operating system is using PowerShell 5 or newer, you can install Sharepoint Online Management Shell also by running following command in administrative mode.

```
Install-Module -Name Microsoft.Online.SharePoint.PowerShell
```

To open the SharePoint Online Management Shell command prompt, from the **Start** screen, type **sharepoint**, and then click **SharePoint Online Management Shell**.

To connect with a user name and password

1. Fill in the values for the **$adminUPN** and **$orgName** variables (replacing all the text between the quotes, including the < and > characters), and then run the following commands at the SharePoint Online Management Shell command prompt:

```
$adminUPN="<the full email address of a SharePoint administrator account, example:
jdoe@contosotoycompany.onmicrosoft.com>"
$orgName="<name of your Office 365 organization, example: contosotoycompany>"
$userCredential = Get-Credential -UserName $adminUPN -Message "Type the password."
Connect-SPOService -Url https://$orgName-admin.sharepoint.com -Credential $userCredential
```

2. When prompted with the Windows PowerShell credential request dialog box, type the password for the SharePoint Online SharePoint administrator account.

To make a user account a SharePoint administrator, see Assign admin roles in Office 365 for business or Assign roles to user accounts with Office 365 PowerShell.

To connect with multifactor authentication (MFA)

1. Fill in the value for the **$orgName** variable (replacing all the text between the quotes, including the < and >

characters), and then run the following commands at the SharePoint Online Management Shell command prompt:

```
$orgName="<name of your Office 365 organization, example: contosotoycompany>"
Connect-SPOService -Url https://$orgName-admin.sharepoint.com
```

2. When prompted with the **Microsoft SharePoint Online Management Shell** dialog box, type the account name and password for a SharePoint administrator account, and then click **Sign in**.

3. Follow the instructions in the **Microsoft SharePoint Online Management Shell** dialog box to provide the additional authentication information, such as a verification code, and then click **Sign in**.

You are now ready to use SharePoint Online commands.

SharePoint Server Cmdlets

8/7/2019 • 3 minutes to read • Edit Online

For a listing of the SharePoint Server cmdlets, see SharePoint Server cmdlets

Accessing PowerShell for SharePoint Server

After you install SharePoint Server, applicable PowerShell cmdlets are available in the SharePoint 2016 Management Shell. You can manage most aspects of SharePoint Server in the SharePoint Management Shell. You can create new site collections, web applications, user accounts, service applications, proxies, and more. Commands that you type in the SharePoint Management Shell return SharePoint objects that are based on the Microsoft .NET Framework. You can apply these objects as input to subsequent commands or store the objects in local variables for later use.

With the SharePoint Management Shell, you do not have to register the snap-in that contains the cmdlets. Registration of the Microsoft.SharePoint.PowerShell.dll module for SharePoint Server cmdlets is automatic, as a result of the **Add-PSSnapin Microsoft.SharePoint.PowerShell** line in the SharePoint.ps1 file that is located in %CommonProgramFiles%\Microsoft Shared\Web Server Extensions<version>\Config\PowerShell\Registration, where version "15" equals SharePoint Server 2013, and version "16" equals SharePoint Server 2016. To use the PowerShell console, you must register this snap-in manually.

Whether you use the SharePoint Management Shell or the PowerShell console, you can also load additional snap-ins. For more information, see Customizing Profiles.

NOTE: The SharePoint Management Shell and the PowerShell console also differ in the use of the **ReuseThread** option, which defines how the threading model is used. The SharePoint Management Shell's use is defined by this line, {Host.Runspace.ThreadOptions = "ReuseThread"}, which is in the SharePoint.ps1 file. For more information, see PS Thread Options.

Permissions

Before you can use the Add-SPShellAdmin cmdlet to grant permissions for users to run SharePoint Server cmdlets, verify that you meet all of the following minimum requirements:

- You must have membership in the **securityadmin** fixed server role on the SQL Server instance.
- You must be a member of the Administrators group on the server on which you are running the PowerShell cmdlet.

NOTE: If these permissions are not satisfied, contact your Setup administrator or SQL Server administrator to request these permissions.

For additional information about PowerShell permissions, see Add-SPShellAdmin.

If you do not have membership in the **SharePoint_Shell_Access** role or **WSS_Admin_WPG** local group, use the **Add-SPShellAdmin** cmdlet to add the **WSS_Admin_WPG** group in all front-end web servers in the SharePoint farm and the **SharePoint_Shell_Access** role. If the SQL Server database does not have a **SharePoint_Shell_Access** role, the role is automatically created when you run the **Add-SPShellAdmin** cmdlet. After you run the **Add-SPShellAdmin** cmdlet, users can run SharePoint PowerShell cmdlets in a multiple-server farm environment.

NOTE: When you install SharePoint Server, the user account from which you run the installation is granted the appropriate permissions to run PowerShell cmdlets. If any users have not been added to run a PowerShell cmdlet,

you can use the **Add-SPShellAdmin** cmdlet to add them.

To see a list of all of the **SPShellAdmin** cmdlets, from a PowerShell command prompt, type *Get-Command - Noun SPShellAdmin.*

Scripts and execution policies

Although you can use Microsoft PowerShell to perform a single administrative task, you can also use a script to automate a series of tasks. A script is a text file that contains one or more Microsoft PowerShell commands. Microsoft PowerShell scripts have a .ps1 file name extension.

To run scripts, the minimum required execution policy for SharePoint Server is **RemoteSigned**, although the default policy for PowerShell is Restricted. If the policy is left as Restricted, the SharePoint Management Shell will change the policy for PowerShell to RemoteSigned. This means that you must select **Run as administrator** to start the SharePoint Management Shell with elevated administrative permission. This change will apply to all PowerShell sessions. For more information, see ExecutionPolicy Enumeration.

For additional information about scripts and execution policies, see about_scripts and about_execution_policies.

PnP PowerShell overview

8/22/2019 • 37 minutes to read • **Edit Online**

SharePoint Patterns and Practices (PnP) contains a library of PowerShell commands (PnP PowerShell) that allows you to perform complex provisioning and artifact management actions towards SharePoint. The commands use CSOM and can work against both SharePoint Online as SharePoint On-Premises.

Applies to: *SharePoint Online | Sharepoint 2019 | SharePoint 2016 | SharePoint 2013*

Installation

There are 3 ways to install the cmdlets. We recommend, where possible, to install them from the PowerShell Gallery. Alternatively you can download the setup files or run a PowerShell script to download the PowerShellGet module and install the cmdlets subsequently.

PowerShell Gallery

If you main OS is Windows 10, or if you have PowerShellGet installed, you can run the following commands to install the PowerShell cmdlets:

SHAREPOINT VERSION	COMMAND TO INSTALL
SharePoint Online	`Install-Module SharePointPnPPowerShellOnline`
SharePoint 2019	`Install-Module SharePointPnPPowerShell2019`
SharePoint 2016	`Install-Module SharePointPnPPowerShell2016`
SharePoint 2013	`Install-Module SharePointPnPPowerShell2013`

Notice: if you install the latest PowerShellGet from Github, you might receive an error message stating

> PackageManagement\Install-Package : The version 'x.x.x.x' of the module 'SharePointPnPPowerShellOnline' being installed is not catalog signed.

In order to install the cmdlets when you get this error specify the -SkipPublisherCheck switch with the Install-Module cmdlet, e.g. `Install-Module SharePointPnPPowerShellOnline -SkipPublisherCheck -AllowClobber`

Setup files

You can download setup files from the releases section of the PnP PowerShell repository. These files will up be updated on a monthly basis. Run the install and restart any open instances of PowerShell to use the cmdlets.

Installation script

This is an alternative for installation on machines that have at least PowerShell v3 installed. You can find the version of PowerShell by opening PowerShell and running `$PSVersionTable.PSVersion` . The value for `Major` should be above 3.

To install the cmdlets you can run the below command which will install PowerShell Package Management and then install the PowerShell Modules from the PowerShell Gallery.

```
Invoke-Expression (New-Object Net.WebClient).DownloadString('https://raw.githubusercontent.com/sharepoint/PnP-PowerShell/master/Samples/Modules.Install/Install-SharePointPnPPowerShell.ps1')
```

Updating

Every month a new release will be made available of the PnP PowerShell Cmdlets. If you earlier installed the cmdlets using the setup file, simply download the latest version and run the setup. This will update your existing installation.

If you have installed the cmdlets using PowerShellGet with `Install-Module` from the PowerShell Gallery then you will be able to use the following command to install the latest updated version:

```
Update-Module SharePointPnPPowerShell*
```

This will automatically load the module after starting PowerShell 3.0.

You can check the installed PnP-PowerShell versions with the following command:

```
Get-Module SharePointPnPPowerShell* -ListAvailable | Select-Object Name,Version | Sort-Object Version -Descending
```

Getting Started

To use the library you first need to connect to your tenant:

```
Connect-PnPOnline –Url https://yoursite.sharepoint.com –Credentials (Get-Credential)
```

Notice: if you use multi-factor authentication on your tenant, use

```
Connect-PnPOnline -Url https://yoursite.sharepoint.com -UseWebLogin
```

To view all cmdlets, enter

```
Get-Command -Module *PnP*
```

At the following links you will find a few videos on how to get started with the cmdlets:

- https://channel9.msdn.com/blogs/OfficeDevPnP/PnP-Web-Cast-Introduction-to-Office-365-PnP-PowerShell
- https://channel9.msdn.com/blogs/OfficeDevPnP/Introduction-to-PnP-PowerShell-Cmdlets
- https://channel9.msdn.com/blogs/OfficeDevPnP/PnP-Webcast-PnP-PowerShell-Getting-started-with-latest-updates

Setting up credentials

See this wiki page for more information on how to use the Windows Credential Manager to setup credentials that you can use in unattended scripts

Cmdlet overview

Apps

CMDLET	DESCRIPTION	PLATFORM
Add-PnPApp	Add/uploads an available app to the app catalog	SharePoint Online, SharePoint 2019
Get-PnPApp	Returns the available apps from the app catalog	SharePoint Online, SharePoint 2019
Install-PnPApp	Installs an available app from the app catalog	SharePoint Online, SharePoint 2019
Publish-PnPApp	Publishes/Deploys/Trusts an available app in the app catalog	SharePoint Online, SharePoint 2019
Remove-PnPApp	Removes an app from the app catalog	SharePoint Online, SharePoint 2019
Uninstall-PnPApp	Uninstalls an available add-in from the site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Unpublish-PnPApp	Unpublishes/retracts an available add-in from the app catalog	SharePoint Online, SharePoint 2019
Update-PnPApp	Updates an available app from the app catalog	SharePoint Online, SharePoint 2019
Get-PnPAppInstance	Returns a SharePoint AddIn Instance	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Uninstall-PnPAppInstance	Removes an app from a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Import-PnPAppPackage	Adds a SharePoint Addin to a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Sync-PnPAppToTeams	Synchronize an app from the tenant app catalog to the Microsoft Teams app catalog	SharePoint Online
Grant-PnPTenantServicePrincipalPermission	Explicitly grants a specified permission to the "SharePoint Online Client" service principal	SharePoint Online

Base Cmdlets

CMDLET	DESCRIPTION	PLATFORM
Get-PnPAppAuthAccessToken	Returns the access token	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Get-PnPAuthenticationRealm	Returns the authentication realm	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPAzureADManifestKeyCredentials	Return the JSON Manifest snippet for Azure Apps	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPAzureCertificate	Get PEM values and manifest settings for an existing certificate (.pfx) for use when using CSOM via an app-only ADAL application. See https://github.com/SharePoint/PnP-PowerShell/tree/master/Samples/SharePoint.ConnectUsingAppPermissions for a sample on how to get started. KeyCredentials contains the ADAL app manifest sections. Certificate contains the PEM encoded certificate. PrivateKey contains the PEM encoded private key of the certificate.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPAzureCertificate	Generate a new 2048bit self-signed certificate and manifest settings for use when using CSOM via an app-only ADAL application. See https://github.com/SharePoint/PnP-PowerShell/tree/master/Samples/SharePoint.ConnectUsingAppPermissions for a sample on how to get started. KeyCredentials contains the ADAL app manifest sections. Certificate contains the PEM encoded certificate. PrivateKey contains the PEM encoded private key of the certificate.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPConnection	Returns the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPContext	Returns the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPContext	Set the ClientContext	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPException	Returns the last exception that occurred	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPHealthScore	Retrieves the healthscore value.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Connect-PnPOnline	Connect to a SharePoint site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Disconnect-PnPOnline	Disconnects the context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPProperty	Returns a previously not loaded property of a ClientObject	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Invoke-PnPQuery	Executes the currently queued actions	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Invoke-PnPSPRestMethod	Invokes a REST request towards a SharePoint site	SharePoint Online
Add-PnPStoredCredential	Adds a credential to the Windows Credential Manager	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPStoredCredential	Get a credential	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPStoredCredential	Removes a credential	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPTraceLog	Turn log tracing on or off	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Branding

CMDLET	DESCRIPTION	PLATFORM
Add-PnPCustomAction	Adds a custom action	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPCustomAction	Return user custom actions	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPCustomAction	Removes a custom action	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPHomePage	Return the homepage	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Set-PnPHomePage	Sets the home page of the current web.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPJavaScriptBlock	Adds a link to a JavaScript snippet/block to a web or site collection	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPJavaScriptLink	Adds a link to a JavaScript file to a web or sitecollection	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPJavaScriptLink	Returns all or a specific custom action(s) with location type ScriptLink	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPJavaScriptLink	Removes a JavaScript link or block from a web or sitecollection	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPMasterPage	Returns the URLs of the default Master Page and the custom Master Page.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPMasterPage	Set the masterpage	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPMinimalDownloadStrategy	Activates or deactivates the minimal downloading strategy.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPNavigationNode	Adds an item to a navigation element	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPNavigationNode	Returns all or a specific navigation node	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPNavigationNode	Removes a menu item from either the quicklaunch or top navigation	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Disable-PnPResponsiveUI	Deactivate the PnP Response UI add-on	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Enable-PnPResponsiveUI	Activates the PnP Response UI Add-on	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTheme	Returns the current theme/composed look of the current web.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Set-PnPTheme	Sets the theme of the current web.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPWebTheme	Sets the theme of the current web.	SharePoint Online

Client-Side Pages

CMDLET	DESCRIPTION	PLATFORM
Get-PnPAvailableClientSideComponents	Gets the available client side components on a particular page	SharePoint Online, SharePoint 2019
Move-PnPClientSideComponent	Moves a Client-Side Component to a different section/column	SharePoint Online, SharePoint 2019
Add-PnPClientSidePage	Adds a Client-Side Page	SharePoint Online, SharePoint 2019
ConvertTo-PnPClientSidePage	Converts a classic page (wiki or web part page) into a Client-Side Page	SharePoint Online
Get-PnPClientSidePage	Gets a Client-Side Page	SharePoint Online, SharePoint 2019
Remove-PnPClientSidePage	Removes a Client-Side Page	SharePoint Online, SharePoint 2019
Set-PnPClientSidePage	Sets parameters of a Client-Side Page	SharePoint Online, SharePoint 2019
Save-PnPClientSidePageConversionLog	Persists the current client side page conversion log data to the loggers linked to the last used page transformation run. Needs to be used in conjunction with the -LogSkipFlush flag on the ConvertTo-PnPClientSidePage cmdlet	SharePoint Online
Export-PnPClientSidePageMapping	Get's the built-in maping files or a custom mapping file for your publishing portal page layouts. These mapping files are used to tailor the page transformation experience.	SharePoint Online
Add-PnPClientSidePageSection	Adds a new section to a Client-Side page	SharePoint Online, SharePoint 2019
Add-PnPClientSideText	Adds a text element to a client-side page.	SharePoint Online, SharePoint 2019
Add-PnPClientSideWebPart	Adds a Client-Side Web Part to a client-side page	SharePoint Online

Content Types

CMDLET	DESCRIPTION	PLATFORM
Add-PnPContentType	Adds a new content type	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPContentType	Retrieves a content type	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPContentType	Removes a content type from a web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPContentTypeFromList	Removes a content type from a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPContentTypePublishingHubUrl	Returns the url to Content Type Publishing Hub	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPContentTypeToList	Adds a new content type to a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPDefaultContentTypeToList	Sets the default content type for a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPFieldFromContentType	Removes a site column from a content type	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPFieldToContentType	Adds an existing site column to a content type	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Diagnostic utilities

CMDLET	DESCRIPTION	PLATFORM
Measure-PnPList	Returns statistics on the list object	SharePoint Online, SharePoint 2016, SharePoint 2019
Measure-PnPResponseTime	Gets statistics on response time for the specified endpoint by sending probe requests	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Measure-PnPWeb	Returns statistics on the web object	SharePoint Online, SharePoint 2016, SharePoint 2019

Document Sets

CMDLET	DESCRIPTION	PLATFORM
Remove-PnPContentTypeFromDocumentSet	Removes a content type from a document set	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPContentTypeToDocumentSet	Adds a content type to a document set	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPDocumentSet	Creates a new document set in a library.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPDocumentSetField	Sets a site column from the available content types to a document set	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPDocumentSetTemplate	Retrieves a document set template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Event Receivers

CMDLET	DESCRIPTION	PLATFORM
Add-PnPEventReceiver	Adds a new remote event receiver	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPEventReceiver	Return registered eventreceivers	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPEventReceiver	Remove an eventreceiver	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Features

CMDLET	DESCRIPTION	PLATFORM
New-PnPExtensibilityHandlerObject	Creates an ExtensibilityHandler Object, to be used by the Get-SPOProvisioningTemplate cmdlet	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Disable-PnPFeature	Disables a feature	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Enable-PnPFeature	Enables a feature	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPFeature	Returns all activated or a specific activated feature	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Fields

CMDLET	DESCRIPTION	PLATFORM
Add-PnPField	Add a field	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPField	Returns a field from a list or site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPField	Removes a field from a list or a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPField	Changes one or more properties of a field in a specific list or for the whole web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPFieldFromXml	Adds a field to a list or as a site column based upon a CAML/XML field definition	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPTaxonomyField	Add a taxonomy field	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPView	Change view properties	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Files and Folders

CMDLET	DESCRIPTION	PLATFORM
Add-PnPFile	Uploads a file to Web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Copy-PnPFile	Copies a file or folder to a different location, currently there is a 200MB file size limit for the file to be copied.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Find-PnPFile	Finds a file in the virtual file system of the web.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPFile	Downloads a file.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Move-PnPFile	Moves a file to a different location	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Remove-PnPFile	Removes a file.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Rename-PnPFile	Renames a file in its current location	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPFileCheckedIn	Checks in a file	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPFileCheckedOut	Checks out a file	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Reset-PnPFileVersion	Resets a file to its previous version	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPFolder	Creates a folder within a parent folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPFolder	Return a folder object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Move-PnPFolder	Move a folder to another location in the current web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPFolder	Deletes a folder within a parent folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Rename-PnPFolder	Renames a folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Resolve-PnPFolder	Returns a folder from a given site relative path, and will create it if it does not exist.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPFolderItem	List content in folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Copy-PnPItemProxy	Proxy cmdlet for using Copy-Item between SharePoint provider and FileSystem provider	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Move-PnPItemProxy	Proxy cmdlet for using Move-Item between SharePoint provider and FileSystem provider	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Information Management

CMDLET	DESCRIPTION	PLATFORM
Get-PnPLabel	Gets the label/tag of the specified list or library (if applicable)	SharePoint Online
Set-PnPLabel	Sets a label/tag on the specified list or library	SharePoint Online
Get-PnPListInformationRightsManagement	Get the site closure status of the site which has a site policy applied	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPListInformationRightsManagement	Get the site closure status of the site which has a site policy applied	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSiteClosure	Get the site closure status of the site which has a site policy applied	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPSiteClosure	Opens or closes a site which has a site policy applied	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPSitePolicy	Sets a site policy	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSitePolicy	Retrieves all or a specific site policy	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Lists

CMDLET	DESCRIPTION	PLATFORM
Clear-PnPDefaultColumnValues	Clear default column values for a document library	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPDefaultColumnValues	Gets the default column values for all folders in document library	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPDefaultColumnValues	Sets default column values for a document library	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPList	Returns a List object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPList	Creates a new list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Remove-PnPList	Deletes a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPList	Updates list settings	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPListItem	Adds an item to the list and sets the creation time to the current date and time. The author is set to the current authenticated user executing the cmdlet. In order to set the author to a different user, please refer to Set-PnPListItem.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPListItem	Retrieves list items	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPListItem	Deletes an item from a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPListItem	Updates a list item	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPListItemPermission	Sets list item permissions	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Move-PnPListItemToRecycleBin	Moves an item from a list to the Recycle Bin	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPListPermission	Sets list permissions	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Request-PnPReIndexList	Marks the list for full indexing during the next incremental crawl	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPView	Adds a view to a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPView	Returns one or all views from a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPView	Deletes a view from a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Microsoft Graph

CMDLET	DESCRIPTION	PLATFORM
Connect-PnPMicrosoftGraph	Connect to the Microsoft Graph	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPSiteClassification	Adds one ore more site classification values to the list of possible values. Requires a connection to the Microsoft Graph.	SharePoint Online
Disable-PnPSiteClassification	Disables Site Classifications for the tenant. Requires a connection to the Microsoft Graph.	SharePoint Online
Enable-PnPSiteClassification	Enables Site Classifications for the tenant. Requires a connection to the Microsoft Graph.	SharePoint Online
Get-PnPSiteClassification	Returns the defined Site Classifications for the tenant. Requires a connection to the Microsoft Graph.	SharePoint Online
Remove-PnPSiteClassification	Removes one or more existing site classification values from the list of available values. Requires a connection to the Microsoft Graph	SharePoint Online
Update-PnPSiteClassification	Updates Site Classifications for the tenant. Requires a connection to the Microsoft Graph.	SharePoint Online
Get-PnPUnifiedGroup	Gets one Office 365 Group (aka Unified Group) or a list of Office 365 Groups	SharePoint Online
New-PnPUnifiedGroup	Creates a new Office 365 Group (aka Unified Group)	SharePoint Online
Remove-PnPUnifiedGroup	Removes one Office 365 Group (aka Unified Group)	SharePoint Online
Set-PnPUnifiedGroup	Sets Office 365 Group (aka Unified Group) properties	SharePoint Online
Get-PnPUnifiedGroupMembers	Gets members of a particular Office 365 Group (aka Unified Group)	SharePoint Online
Get-PnPUnifiedGroupOwners	Gets owners of a particular Office 365 Group (aka Unified Group)	SharePoint Online

Provisioning

CMDLET	DESCRIPTION	PLATFORM

CMDLET	DESCRIPTION	PLATFORM
Export-PnPClientSidePage	Exports a Client Side Page to a PnP Provisioning Template	SharePoint Online
Add-PnPDataRowsToProvisioningTemplate	Adds datarows to a list inside a PnP Provisioning Template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPFileFromProvisioningTemplate	Removes a file from a PnP Provisioning Template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPFileToProvisioningTemplate	Adds a file to a PnP Provisioning Template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Convert-PnPFolderToProvisioningTemplate	Creates a pnp package file of an existing template xml, and includes all files in the current folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPListFoldersToProvisioningTemplate	Adds folders to a list in a PnP Provisioning Template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPProvisioningTemplate	Adds a PnP Provisioning Template object to a tenant template	SharePoint Online
Apply-PnPProvisioningTemplate	Applies a site template to a web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Convert-PnPProvisioningTemplate	Converts a provisioning template to an other schema version	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPProvisioningTemplate	Generates a provisioning site template from a web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPProvisioningTemplate	Creates a new provisioning template object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Read-PnPProvisioningTemplate	Loads/Reads a PnP file from the file system or a string	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Save-PnPProvisioningTemplate	Saves a PnP site template to the file system	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPProvisioningTemplateFromFolder	Generates a provisioning template from a given folder, including only files that are present in that folder	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Set-PnPProvisioningTemplateMetadata	Sets metadata of a provisioning template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPTenantSequence	Adds a tenant sequence object to a tenant template	SharePoint Online
Get-PnPTenantSequence	Returns one ore more provisioning sequence object(s) from a tenant template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPTenantSequence	Creates a new tenant sequence object	SharePoint Online
New-PnPTenantSequenceCommunicationSite	Creates a communication site object	SharePoint Online
Add-PnPTenantSequenceSite	Adds a existing tenant sequence site object to a tenant template	SharePoint Online
Get-PnPTenantSequenceSite	Returns one ore more sites from a tenant template	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPTenantSequenceSubSite	Adds a tenant sequence sub site object to a tenant sequence site object	SharePoint Online
New-PnPTenantSequenceTeamNoGroupSite	Creates a new team site without an Office 365 group in-memory object	SharePoint Online
New-PnPTenantSequenceTeamNoGroupSubSite	Creates a team site subsite with no Office 365 group object	SharePoint Online
New-PnPTenantSequenceTeamSite	Creates a team site object	SharePoint Online
Apply-PnPTenantTemplate	Applies a tenant template to the current tenant. You must be a SharePoint Online global administrator to run the cmdlet.	SharePoint Online
New-PnPTenantTemplate	Creates a new tenant template object	SharePoint Online
Read-PnPTenantTemplate	Loads/Reads a PnP tenant template from the file system and returns an in-memory instance of this template.	SharePoint Online
Save-PnPTenantTemplate	Saves a PnP provisioning hierarchy to the file system	SharePoint Online
Test-PnPTenantTemplate	Tests a tenant template for invalid references	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Publishing

CMDLET	DESCRIPTION	PLATFORM
Set-PnPAvailablePageLayouts	Sets the available page layouts for the current site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPDefaultPageLayout	Sets a specific page layout to be the default page layout for a publishing site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPHtmlPublishingPageLayout	Adds a HTML based publishing page layout	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPMasterPage	Adds a Masterpage	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPPublishingImageRendition	Adds an Image Rendition if the Name of the Image Rendition does not already exist. This prevents creating two Image Renditions that share the same name.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPPublishingImageRendition	Returns all image renditions or if Identity is specified a specific one	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPPublishingImageRendition	Removes an existing image rendition	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPPublishingPage	Adds a publishing page	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPPublishingPageLayout	Adds a publishing page layout	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPWikiPage	Adds a wiki page	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPWikiPage	Removes a wiki page	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWikiPageContent	Gets the contents/source of a wiki page	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPWikiPageContent	Sets the contents of a wikipage	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Records Management

CMDLET	DESCRIPTION	PLATFORM
Get-PnPInPlaceRecordsManagement	Returns if the place records management feature is enabled.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPInPlaceRecordsManagement	Activates or deactivates in the place records management feature.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Disable-PnPInPlaceRecordsManagementFor Site	Disables in place records management for a site.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Enable-PnPInPlaceRecordsManagementFor Site	Enables in place records management for a site.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Clear-PnPListItemAsRecord	Undeclares a list item as a record	SharePoint Online
Set-PnPListItemAsRecord	Declares a list item as a record, for more information, see https://docs.microsoft.com/sharepoint/governance/records-management-in-sharepoint-server|SharePoint Online	
Test-PnPListItemIsRecord	Checks if a list item is a record	SharePoint Online
Get-PnPListRecordDeclaration	Returns the manual record declaration settings for a list	SharePoint Online
Set-PnPListRecordDeclaration	The RecordDeclaration parameter supports 4 values: AlwaysAllowManualDeclaration NeverAllowManualDeclaration UseSiteCollectionDefaults	SharePoint Online

Search

CMDLET	DESCRIPTION	PLATFORM
Get-PnPSearchConfiguration	Returns the search configuration	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPSearchConfiguration	Remove the search configuration	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPSearchConfiguration	Sets the search configuration	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSearchCrawlLog	Returns entries from the SharePoint search crawl log	SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Submit-PnPSearchQuery	Executes an arbitrary search query against the SharePoint search index	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSiteSearchQueryResults	Executes a search query to retrieve indexed site collections	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

SharePoint Recycle Bin

CMDLET	DESCRIPTION	PLATFORM
Clear-PnPRecycleBinItem	Permanently deletes all or a specific recycle bin item	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPRecycleBinItem	Returns the items in the recycle bin from the context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Move-PnPRecycleBinItem	Moves all items or a specific item in the first stage recycle bin of the current site collection to the second stage recycle bin	SharePoint Online
Restore-PnPRecycleBinItem	Restores the provided recycle bin item to its original location	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTenantRecycleBinItem	Returns all modern and classic site collections in the tenant scoped recycle bin	SharePoint Online

SharePoint WebHooks

CMDLET	DESCRIPTION	PLATFORM
Add-PnPWebhookSubscription	Adds a new Webhook subscription	SharePoint Online
Remove-PnPWebhookSubscription	Removes a Webhook subscription from the resource	SharePoint Online
Set-PnPWebhookSubscription	Updates a Webhook subscription	SharePoint Online
Get-PnPWebhookSubscriptions	Gets all the Webhook subscriptions of the resource	SharePoint Online

Sites

CMDLET	DESCRIPTION	PLATFORM
Set-PnPAppSideLoading	Enables the App SideLoading Feature on a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Get-PnPAuditing	Get the Auditing setting of a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPAuditing	Set Auditing setting for a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Test-PnPOffice365GroupAliasIsUsed	Tests if a given alias is already used used	SharePoint Online
Add-PnPRoleDefinition	Adds a Role Defintion (Permission Level) to the site collection in the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPRoleDefinition	Retrieves a Role Definitions of a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPRoleDefinition	Remove a Role Definition from a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSite	Returns the current site collection from the context.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPSite	Sets Site Collection properties.	SharePoint Online
Add-PnPSiteCollectionAdmin	Adds one or more users as site collection administrators to the site collection in the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPSiteCollectionAdmin	Returns the current site collection administrators of the site collection in the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPSiteCollectionAdmin	Removes one or more users as site collection administrators from the site collection in the current context	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Install-PnPSolution	Installs a sandboxed solution to a site collection. WARNING! This method can delete your composed look gallery due to the method used to activate the solution. We recommend you to only to use this cmdlet if you are okay with that.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Uninstall-PnPSolution	Uninstalls a sandboxed solution from a site collection	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Taxonomy

CMDLET	DESCRIPTION	PLATFORM
Get-PnPSiteCollectionTermStore	Returns the site collection term store	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Export-PnPTaxonomy	Exports a taxonomy to either the output or to a file.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Import-PnPTaxonomy	Imports a taxonomy from either a string array or a file	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPTaxonomyFieldValue	Sets a taxonomy term value in a listitem field	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTaxonomyItem	Returns a taxonomy item	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPTaxonomyItem	Removes a taxonomy item	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTaxonomySession	Returns a taxonomy session	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTerm	Returns a taxonomy term	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPTerm	Creates a taxonomy term	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPTermGroup	Returns a taxonomy term group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPTermGroup	Creates a taxonomy term group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPTermGroup	Removes a taxonomy term group and all its containing termsets	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Import-PnPTermGroupFromXml	Imports a taxonomy TermGroup from either the input or from an XML file.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Export-PnPTermGroupToXml	Exports a taxonomy TermGroup to either the output or to an XML file.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Get-PnPTermSet	Returns a taxonomy term set	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Import-PnPTermSet	Imports a taxonomy term set from a file in the standard format.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPTermSet	Creates a taxonomy term set	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Tenant Administration

CMDLET	DESCRIPTION	PLATFORM	
Get-PnPAccessToken	Returns the current OAuth Access token	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Enable-PnPCommSite	Enable communication site on the root site of a tenant	SharePoint Online	
Get-PnPHideDefaultThemes	Returns if the default / OOTB themes should be visible to users or not.	SharePoint Online	
Set-PnPHideDefaultThemes	Defines if the default / OOTB themes should be visible to users or not.	SharePoint Online	
Get-PnPHomeSite	Returns the home site url for your tenant	SharePoint Online	
Remove-PnPHomeSite	Removes the currently set site as the home site	SharePoint Online	
Set-PnPHomeSite	Sets the home site for your tenant	SharePoint Online	
Get-PnPHubSite	Retrieve all or a specific hubsite.	SharePoint Online	
Register-PnPHubSite	Registers a site as a hubsite	SharePoint Online	
Set-PnPHubSite	Sets hubsite properties	SharePoint Online	
Unregister-PnPHubSite	Unregisters a site as a hubsite	SharePoint Online	
Add-PnPHubSiteAssociation	Connects a site to a hubsite.	SharePoint Online	

CMDLET	DESCRIPTION	PLATFORM	
Remove-PnPHubSiteAssociation	Disconnects a site from a hubsite.	SharePoint Online	
Grant-PnPHubSiteRights	Grant additional permissions to the permissions already in place to associate sites to Hub Sites for one or more specific users	SharePoint Online	
Add-PnPOffice365GroupToSite	Groupifies a classic team site by creating an Office 365 group for it and connecting the site with the newly created group	SharePoint Online	
Disable-PnPPowerShellTelemetry	Disables PnP PowerShell telemetry tracking	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Enable-PnPPowerShellTelemetry	Enables PnP PowerShell telemetry tracking.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Get-PnPPowerShellTelemetryEnabled	Returns true if the PnP PowerShell Telemetry has been enabled.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
New-PnPSite	Creates a new site collection	SharePoint Online	
Add-PnPSiteCollectionAppCatalog	Adds a Site Collection scoped App Catalog to a site	SharePoint Online	
Remove-PnPSiteCollectionAppCatalog	Removes a Site Collection scoped App Catalog from a site	SharePoint Online	
Add-PnPSiteDesign	Creates a new Site Design on the current tenant.	SharePoint Online	
Get-PnPSiteDesign	Retrieve Site Designs that have been registered on the current tenant.	SharePoint Online	
Invoke-PnPSiteDesign	Apply a Site Design to an existing site. * Requires Tenant Administration Rights *	SharePoint Online	
Remove-PnPSiteDesign	Removes a Site Design	SharePoint Online	

CMDLET	DESCRIPTION	PLATFORM	
Set-PnPSiteDesign	Updates a Site Design on the current tenant.	SharePoint Online	
Get-PnPSiteDesignRights	Returns the principals with design rights on a specific Site Design	SharePoint Online	
Grant-PnPSiteDesignRights	Grants the specified principals rights to use the site design.	SharePoint Online	
Revoke-PnPSiteDesignRights	Revokes the specified principals rights to use the site design.	SharePoint Online	
Get-PnPSiteDesignRun	Retrieves a list of site designs applied to a specified site collection. If the WebUrl parameter is not specified we show the list of designs applied to the current site. The returned output includes the ID of the scheduled job, the web and site IDs, and the site design ID, version, and title.	SharePoint Online	
Get-PnPSiteDesignRunStatus	Retrieves and displays a list of all site script actions executed for a specified site design applied to a site.	SharePoint Online	
Add-PnPSiteDesignTask	This command is used to apply a published site design to a specified site collection target. It schedules the operation, allowing for the application of larger site scripts (Invoke-PnPSiteDesign is limited to 30 actions and subactions). This command is intended to replace Invoke-PnPSiteDesign and is useful when you need to apply a large number of actions or multiple site scripts.	SharePoint Online	
Get-PnPSiteDesignTask	Used to retrieve a scheduled site design script. It takes the ID of the scheduled site design and the URL for the site where the site design is scheduled to be applied.	SharePoint Online	

CMDLET	DESCRIPTION	PLATFORM	
Remove-PnPSiteDesignTask	Removes a Site Design Task. If the execution of the associated site script has already started the execution will not be terminated.	SharePoint Online	
Add-PnPSiteScript	Creates a new Site Script on the current tenant.	SharePoint Online	
Get-PnPSiteScript	Retrieve Site Scripts that have been registered on the current tenant.	SharePoint Online	
Remove-PnPSiteScript	Removes a Site Script	SharePoint Online	
Set-PnPSiteScript	Updates an existing Site Script on the current tenant.	SharePoint Online	
Get-PnPStorageEntity	Retrieve Storage Entities / Farm Properties from either the Tenant App Catalog or from the current site if it has a site scope app catalog.	SharePoint Online	
Remove-PnPStorageEntity	Remove Storage Entities / Farm Properties from either the tenant scoped app catalog or the current site collection if the site has a site collection scoped app catalog	SharePoint Online	
Set-PnPStorageEntity	Set Storage Entities / Farm Properties in either the tenant scoped app catalog or the site collection app catalog.	SharePoint Online	
Get-PnPTenant	Returns organization-level site collection properties	SharePoint Online	
Set-PnPTenant	Sets organization-level site collection properties	SharePoint Online	
Get-PnPTenantAppCatalogUrl	Retrieves the url of the tenant scoped app catalog.	SharePoint Online	
Get-PnPTenantCdnEnabled	Retrieves if the Office 365 Content Delivery Network has been enabled.	SharePoint Online	
Set-PnPTenantCdnEnabled	Enables or disabled the public or private Office 365 Content Delivery Network (CDN).	SharePoint Online	

CMDLET	DESCRIPTION	PLATFORM	
Add-PnPTenantCdnOrigin	Adds a new origin to the public or private content delivery network (CDN).	SharePoint Online	
Get-PnPTenantCdnOrigin	Returns the current registered origins from the public or private content delivery network (CDN).	SharePoint Online	
Remove-PnPTenantCdnOrigin	Removes an origin from the Public or Private content delivery network (CDN).	SharePoint Online	
Get-PnPTenantCdnPolicies	Returns the CDN Policies for the specified CDN (Public	Private).	SharePoint Online
Set-PnPTenantCdnPolicy	Sets the CDN Policies for the specified CDN (Public	Private).	SharePoint Online
Clear-PnPTenantRecycleBinItem	Permanently deletes a site collection from the tenant scoped recycle bin	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Restore-PnPTenantRecycleBinItem	Restores a site collection from the tenant scoped recycle bin	SharePoint Online	
Disable-PnPTenantServicePrincipal	Enables the current tenant's "SharePoint Online Client" service principal.	SharePoint Online	
Enable-PnPTenantServicePrincipal	Enables the current tenant's "SharePoint Online Client" service principal.	SharePoint Online	
Get-PnPTenantServicePrincipal	Returns the current tenant's "SharePoint Online Client" service principal.	SharePoint Online	
Revoke-PnPTenantServicePrincipalPermission	Revokes a permission that was previously granted to the "SharePoint Online Client" service principal.	SharePoint Online	
Get-PnPTenantServicePrincipalPermissionGrants	Gets the collection of permission grants for the "SharePoint Online Client" service principal	SharePoint Online	
Approve-PnPTenantServicePrincipalPermissionRequest	Approves a permission request for the current tenant's "SharePoint Online Client" service principal	SharePoint Online	

CMDLET	DESCRIPTION	PLATFORM	
Deny-PnPTenantServicePrincipalPermissionRequest	Denies a permission request for the current tenant's "SharePoint Online Client" service principal	SharePoint Online	
Get-PnPTenantServicePrincipalPermissionRequests	Gets the collection of permission requests for the "SharePoint Online Client" service principal	SharePoint Online	
Get-PnPTenantSite	Retrieve site information.	SharePoint Online	
New-PnPTenantSite	Creates a new site collection for the current tenant	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Remove-PnPTenantSite	Removes a site collection	SharePoint Online	
Set-PnPTenantSite	Set site information.	SharePoint Online	
Add-PnPTenantTheme	Adds or updates a theme to the tenant.	SharePoint Online	
Get-PnPTenantTheme	Returns all or a specific theme	SharePoint Online	
Remove-PnPTenantTheme	Removes a theme	SharePoint Online	
Get-PnPTimeZoneId	Returns a time zone ID	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online	
Get-PnPWebTemplates	Returns the available web templates.	SharePoint Online	

User and group management

CMDLET	DESCRIPTION	PLATFORM
Add-PnPAlert	Adds an alert for a user to a list	SharePoint Online, SharePoint 2019
Get-PnPAlert	Returns registered alerts for a user.	SharePoint Online, SharePoint 2019
Remove-PnPAlert	Removes an alert for a user	SharePoint Online, SharePoint 2019
Get-PnPGroup	Returns a specific SharePoint group or all SharePoint groups in site.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPGroup	Adds group to the Site Groups List and returns a group object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Remove-PnPGroup	Removes a group from a web.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPGroup	Updates a group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPGroupMembers	Retrieves all members of a group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPGroupPermissions	Returns the permissions for a specific SharePoint group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPGroupPermissions	Adds and/or removes permissions of a specific SharePoint group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPUser	Returns site users of current web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPUser	Adds a user to the built-in Site User Info List and returns a user object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPUser	Removes a specific user from the site collection User Information List	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPUserFromGroup	Removes a user from a group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPUserToGroup	Adds a user to a group	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

User Profiles

CMDLET	DESCRIPTION	PLATFORM
New-PnPPersonalSite	Office365 only: Creates a personal / OneDrive For Business site	SharePoint Online
New-PnPUPABulkImportJob	Submit up a new user profile bulk import job.	SharePoint Online
Get-PnPUPABulkImportStatus	Get user profile bulk import status.	SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Get-PnPUserProfileProperty	You must connect to the tenant admin website (https://:-admin.sharepoint.com) with Connect-PnPOnline in order to use this cmdlet.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPUserProfileProperty	Office365 only: Uses the tenant API to retrieve site information. You must connect to the tenant admin website (https://:-admin.sharepoint.com) with Connect-PnPOnline in order to use this command.	SharePoint Online

Utilities

CMDLET	DESCRIPTION	PLATFORM
Send-PnPMail	Sends an email using the Office 365 SMTP Service or SharePoint, depending on the parameters specified. See detailed help for more information.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Web Parts

CMDLET	DESCRIPTION	PLATFORM
Get-PnPClientSideComponent	Retrieve one or more Client-Side components from a page	SharePoint Online, SharePoint 2019
Remove-PnPClientSideComponent	Removes a Client-Side component from a page	SharePoint Online, SharePoint 2019
Set-PnPClientSideText	Set Client-Side Text Component properties	SharePoint Online, SharePoint 2019
Set-PnPClientSideWebPart	Set Client-Side Web Part properties	SharePoint Online, SharePoint 2019
Get-PnPWebPart	Returns a web part definition object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPWebPart	Removes a web part from a page	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWebPartProperty	Returns a web part property	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPWebPartProperty	Sets a web part property	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPWebPartToWebPartPage	Adds a web part to a web part page in a specified zone	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Add-PnPWebPartToWikiPage	Adds a web part to a wiki page in a specified table row and column	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWebPartXml	Returns the web part XML of a web part registered on a site	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Webs

CMDLET	DESCRIPTION	PLATFORM
Set-PnPIndexedProperties	Marks values of the propertybag to be indexed by search. Notice that this will overwrite the existing flags, i.e. only the properties you define with the cmdlet will be indexed.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Add-PnPIndexedProperty	Marks the value of the propertybag key specified to be indexed by search.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPIndexedProperty	Removes a key from propertybag to be indexed by search. The key and it's value remain in the propertybag, however it will not be indexed anymore.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPIndexedPropertyKeys	Returns the keys of the property bag values that have been marked for indexing by search	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPPropertyBag	Returns the property bag values.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPPropertyBagValue	Removes a value from the property bag	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPPropertyBagValue	Sets a property bag value	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Request-PnPReIndexWeb	Marks the web for full indexing during the next incremental crawl	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPRequestAccessEmails	Returns the request access e-mail addresses	SharePoint Online
Set-PnPRequestAccessEmails	Sets Request Access Emails on a web	SharePoint Online
Get-PnPSubWebs	Returns the subwebs of the current web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Get-PnPWeb	Returns the current web object	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
New-PnPWeb	Creates a new subweb under the current web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPWeb	Removes a subweb in the current web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPWeb	Sets properties on a web	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Invoke-PnPWebAction	Executes operations on web, lists and list items.	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Set-PnPWebPermission	Set permissions	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Workflows

CMDLET	DESCRIPTION	PLATFORM
Add-PnPWorkflowDefinition	Adds a workflow definition	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWorkflowDefinition	Returns a workflow definition	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPWorkflowDefinition	Removes a workflow definition	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWorkflowInstance	Get workflow instances	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Resume-PnPWorkflowInstance	Resume a workflow	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Start-PnPWorkflowInstance	Starts a workflow instance on a list item	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Stop-PnPWorkflowInstance	Stops a workflow instance	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

CMDLET	DESCRIPTION	PLATFORM
Add-PnPWorkflowSubscription	Adds a workflow subscription to a list	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Get-PnPWorkflowSubscription	Return a workflow subscription	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online
Remove-PnPWorkflowSubscription	Remove workflow subscription	SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019, SharePoint Online

Additional resources

- SharePoint PnP PowerShell on GitHub